
JUSTIFICATION FOR PURCHASE OF SICK CLV210 BARCODE SCANNERS**KEVIN FUNK**

Developing the ability to automatically read the lot ID directly off of the lot box is a pivotal feature of implementing intrinsic-time processing in the photolith area. The plan is to modify the current lot ID tag to include not only a human-readable lot ID but a large barcode version of the lot ID as well.

A pair of SICK CLV210 barcode scanners are designed into each PERRIER WIP management station to automatically read the lot ID of the COAT and STEPPER lot boxes. These scanners are designed to be very robust mechanically and should perform well in their exposed positions.

The 4 scanners in this purchase order are required to outfit the pair of prototype PERRIER WIP management stations already in-house.

Total cost of purchase order: \$6498.00

Project being supported: PERRIER (intrinsic-time photolith processing)

EXHIBIT E

Serial No. 09/643,389
Declaration of Kevin K. Funk